Index of Claims

| Application/Control No | Appl | ication | /Contro | No. |
|------------------------|------|---------|---------|-----|
|------------------------|------|---------|---------|-----|

10/603,861

Examiner

Applicant(s)/Patent under Reexamination

ISHII ET AL.

Art Unit

Quana M. Grainger

2852

√ Rejected
= Allowed

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   |                                |

Restricted

| N | Non-Elected |
|---|-------------|
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Interference

| Α | Appeal   |
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| 0 | Objected |

| Cla      | aim      | Date     |                 |          |          | Claim Date     |                 |                 |                    |                |  |          | [               | Cla     | aim            | Date     |         |                 |              |     |       |            |         |          |              |                |          |          |              |          |
|----------|----------|----------|-----------------|----------|----------|----------------|-----------------|-----------------|--------------------|----------------|--|----------|-----------------|---------|----------------|----------|---------|-----------------|--------------|-----|-------|------------|---------|----------|--------------|----------------|----------|----------|--------------|----------|
|          | -        |          |                 |          |          |                |                 |                 |                    |                |  | =        |                 |         |                |          |         |                 |              |     |       | <u> </u>   |         |          | İ            | İΙ             |          |          |              | -        |
| Final    | Original | 4/26/07  |                 |          |          |                | 1               |                 |                    |                | Final  | Original |                 |         |                |          |         | 1 1             |              |     | Final | Original   |         | 1        |              |                |          |          |              |          |
| 证        | Ĕ,       | 2        |                 |          |          | '              |                 |                 |                    |                | Ē  | Ĕ        | 1 1             |         |                |          |         | 11              |              |     | ίĒ    | ΞĔ         |         | 1        | 1            |                |          |          |              |          |
|          | L        | Ľ        |                 |          |          |                |                 |                 |                    | _              |  |          |                 |         |                |          |         |                 | _            |     |       |            |         | ╧        |              | Ш              | $\Box$   | $\perp$  |              |          |
|          | 1        | =        |                 |          |          |                |                 |                 |                    | _              | Ĺ  | 51       |                 |         |                |          |         |                 | _            | L   |       | 101        |         | ┸        | <u>L</u>     |                |          | $\perp$  | $\perp$      |          |
|          | 2        |          |                 |          |          |                |                 |                 |                    |                |  | 52       |                 |         |                |          |         |                 | ·            |     |       | 102        |         |          |              |                |          |          |              |          |
|          | 3        | Ξ        |                 |          |          |                |                 |                 |                    |                |  | 53       |                 |         |                |          |         |                 | _ !!!        |     |       | 103        |         |          |              |                |          |          |              |          |
| L        | 4        | =        |                 |          |          |                |                 |                 |                    | _              |  | 54       |                 |         | <u></u>        |          |         | $\perp \perp$   | _ !!!        | ::L |       | 104        | $\perp$ |          |              |                |          |          |              |          |
|          | 5        | =        |                 |          |          |                |                 |                 |                    | _              |  | 55       |                 |         | <u> </u>       |          |         |                 | _            | L   |       | 105        |         | $\perp$  | ┖            | Ш              | Ш        |          |              | _        |
|          | 6        | =        |                 |          |          |                |                 | Ш               |                    | _              | <u> </u>   | 56       | Ш               |         |                |          |         | Ш               | _ :::        |     |       | 106        |         |          |              | Ш              | Ц        | _        | $\dashv$     |          |
|          | 7        | =        | Ш               | _        |          | Ш              | Ш               | Щ               | $\perp$            | _              |  | 57       | Ш               |         | 1              |          |         |                 | _            | L   |       | 107        |         | ┷        |              | Ш              |          | _        | _            |          |
|          | 8        | =        | Ш               | _        |          |                | Ш               | Ш               | $\perp \!\! \perp$ | _              |  | 58       |                 |         |                |          |         | Ш               | _ ⊪          |     |       | 108        |         |          | ╙            | Ш              |          | ᆜ        | $\dashv$     | _        |
|          | 9        | =        |                 |          |          |                |                 |                 | _                  | _              |  | 59       |                 | $\perp$ |                | $\perp$  |         | $\sqcup$        | _            |     |       | 109        |         |          | <u> </u>     |                |          |          |              |          |
|          | 10       | =        |                 | _        |          | Ш              | Ш               | Щ               |                    | _ !!!!         |  | 60       | $oxed{oxed}$    | ┵       |                |          | $\perp$ | Ш               | <b>⅃</b> ᠁   | ii. | .     | 110        |         |          | <u> </u>     | Ш              | _        | _        | _            | _        |
| L        | 11       | =        |                 |          |          | Ш              | Ш               | Ш               | _                  | J::::          |  | 61       | oxdot           | $\perp$ | $\sqcup$       | $\perp$  | $\perp$ | $\sqcup$        | ╝            | L   |       | 111        |         |          | 1_           | Ш              | Ш        | $\dashv$ | ightharpoons |          |
| ļ        | 12       | =        | Щ               |          |          | Ш              | Ш               | Щ               | _                  | _              |  | 62       |                 |         | Щ              | $\perp$  |         | $\sqcup$        | _            | L   |       | 112        |         | $\perp$  | ┖            | Ш              | Ц        | <b>二</b> | $\dashv$     |          |
|          | 13       | 트        | Ш               |          |          | Ш              | Щ               | Ш               | $\perp$            | 4              | L  | 63       | $\sqcup \bot$   |         | $\perp$        | _        | 4_      | $\sqcup$        | _            | L   |       | 113        |         |          | <u> </u>     | Ш              | Ш        | $\dashv$ | $\dashv$     | _        |
|          | 14       | =        | Ш               |          |          | Ш              | Щ               | Ш               | _ _                | 4              | <u> </u>   | 64       | igsquare        |         | 1              | _        |         | ┦               | _            | ı.  |       | 114        |         | _        | <u> </u>     | Ш              |          | $\dashv$ | $\dashv$     |          |
|          | 15       | =        | $\square$       | _        | j        | Ш              | <u> </u>        | $\sqcup$        | _                  | 4              |  | 65       | Щ.              |         | $\perp$        | _        |         | $\sqcup$        | _            | 1   |       | 115        |         |          | <del> </del> | Ш              | Ц        | $\dashv$ | _            | _        |
| <u> </u> | 16       | =        | $\square$       | _        |          | Щ              | Щ               | Ш               | $\perp$            | 4              |  | 66       | $\sqcup$        |         | igspace        | _        | _       | $\sqcup$        | 4            | L   |       | 116        | _       | _        | ـ            | Ш              | Ц        | $\dashv$ | 4            | _        |
|          | 17       | =        |                 |          |          |                |                 | Щ               |                    | <b>-</b>  !!!! |  | 67       |                 | Д_      | _              | _        | 4_      |                 | :::          |     |       | 117        |         | _ _      | _            | Ш              |          | 4        | _            | _        |
| L        | 18       | _        | Ш               | _        |          |                |                 |                 |                    | _              |  | 68       |                 | 4       | $\perp$        | $\dashv$ |         | Ш               | _ ⊪          |     |       | 118        |         |          | ـــــ        | L              |          | _        |              | _        |
| L        | 19       |          |                 |          |          |                |                 | Ш               | $\perp$            | _              |  | 69       | Ш               |         |                | $\perp$  |         | Ш               | _ :::        |     |       | 119        |         |          | ╙            | Ш              |          | _        | _            |          |
|          | 20       | L        |                 | _        |          |                | $\Box$          | Ш               | _                  | <b>_</b>       |  | 70_      |                 |         |                |          |         |                 | _            | ۱,  |       | 120        | _ _     |          | 1_           | L              |          | _        | _            | _        |
| L        | 21       | _        | Ш               | _        |          |                | Ш               | Ш               |                    | _              |  | 71       |                 |         | _              |          | $\perp$ |                 | _ ∷          |     |       | 121        | $\perp$ |          | _            |                | Ц        |          | $\perp$      | _        |
| <u></u>  | 22       | <u> </u> |                 | $\Box$   |          | Ш              | Ш               | Ш               |                    | _              |  | 72       | Ш.              |         |                | _1       |         | $\sqcup$        | <b>⊣</b> ::: |     |       | 122        |         |          | _            | Ш              | Ш        |          | _            |          |
|          | 23       | <u> </u> |                 |          |          |                |                 |                 | $\perp$            | _              |  | 73       |                 | $\perp$ |                |          | $\perp$ | Ш               | _            | L   |       | 123        |         | <u> </u> | _            | Ш              | Ш        | _        | _            | _        |
| L        | 24       | <u> </u> |                 | _        |          |                | Ш               | Ш               |                    | <b>.</b>       |  | 74       |                 |         |                |          |         | Ш               | _ :::        | L   |       | 124        |         |          | 上            | Ш              | Ш        | $\dashv$ | _            | _        |
|          | 25       | L        | Ш               | _        |          |                |                 | Щ               | $\perp$            | <b>-</b>  :::: |  | 75       |                 | $\perp$ |                | $\perp$  |         |                 | _ ∷          | ij, |       | 125        |         |          | ↓_           | Ш              |          | _        |              |          |
|          | 26       |          |                 | _        |          |                | _               | Ш               |                    | _              |  | 76       |                 | _ _     |                | _        |         |                 | _ ::         | ij, |       | 126        |         |          | _            |                |          | _        | 4            | _        |
| L        | 27       | Ŀ        |                 | _        |          |                | Щ               | Ш               |                    | <b>.</b>       |  | 77       |                 | 4       | ļ              | _        |         | $\sqcup$        | :::          | 1   |       | 127        | $\perp$ | $\perp$  | ↓_           |                |          | 4        | _            | _        |
|          | 28       |          | $\Box$          | _        |          |                | ļ               |                 |                    | 4              |  | 78       |                 |         | _              | _        | $\bot$  | $\sqcup$        | -1111        | ŀ   |       | 128        |         |          | ┡            | Щ              | _        | $\dashv$ | $\dashv$     | _        |
|          | 29       | _        |                 |          |          | Ш              | Ш               | -               | _                  | 4::::          |  | 79       |                 | - -     | 1              | _        |         | -               |              | ŀ   |       | 129        |         |          | ↓_           | Ш              | $\dashv$ | 4        | 4            | _        |
|          | 30       |          |                 |          | _        | Ш              | Щ               | Щ               |                    | 4              | L  | 80       |                 | - -     | 1              | _ _      |         | $\vdash$        | <b>—</b> !!! | -   |       | 130        | _       | _        | ┺            |                | $\dashv$ | 4        | 4            | _        |
|          | 31       | _        | dash            | _        | _        | Ш              | Щ               | $\sqcup$        | _ _                | 4              |  | 81       | $\vdash \vdash$ | - -     | $\vdash$       | _        | -       | $\vdash \vdash$ | - ::         | Ļ   |       | 131        | -       | - -      | ـ            | Ш              | $\Box$   | $\dashv$ | $\dashv$     | _        |
| <u> </u> | 32       | -        | $\vdash \vdash$ | $\dashv$ | _        | Н              | Н               | $\vdash \vdash$ |                    | -              | <u> </u>   | 82       | $\vdash \vdash$ |         | $\vdash$       | $\dashv$ |         | $\vdash$        | -            | ŀ   |       | 132        |         |          | ├            | Н              | $\dashv$ | $\dashv$ | +            | 4        |
| $\vdash$ | 33       | H        | dash            | -        | _        | $\vdash$       |                 |                 |                    | 4              | <u> </u>   | 83       | $\vdash$        | $\bot$  | $\vdash$       | $\dashv$ | +       | $\vdash$        | -            | ŀ   |       | 133        | _       |          | ┼-           | Н              | $\dashv$ | $\dashv$ | +            | _        |
|          | 34       | $\vdash$ | $\vdash$        | -        | _        | $\vdash$       | $\vdash$        | $\vdash \vdash$ | -                  | -              | <u> </u>   | 84       | $\vdash \vdash$ | +       | $\vdash$       | $\dashv$ |         |                 | -            | ╬   |       | 134        |         | +        | ┼            | $\vdash$       | $\dashv$ | $\dashv$ | +            | 4        |
| $\vdash$ | 35       | Н        |                 | -        | 4        | Н              | $\vdash$        | $\vdash \vdash$ | -                  | -              |  | 85       | $\vdash \vdash$ |         | $\vdash$       | $\dashv$ | +       | $\vdash$        | - :::        | ⊪   |       | 135        |         |          | ┼            | Н              | $\dashv$ | -        | +            | _        |
| $\vdash$ | 36       |          | -               | $\dashv$ | _        |                | $\vdash$        | $\vdash$        | -                  | 4              |  | 86       | $\vdash$        | +       | Н              | $\dashv$ | +-      | <b>├</b> ├-     | -            | ╬   |       | 136        |         |          | ╀            | Н              | $\dashv$ | $\dashv$ | +            | _        |
| -        | 37       |          | $\dashv$        |          |          | Н              |                 |                 |                    | -              | <u> </u>   | 87       | $\vdash \vdash$ | +       | $\vdash$       | $\dashv$ | +       | $\vdash$        | -            | ŀ   |       | 137        | +       | -        | $\vdash$     | -              | $\dashv$ | $\dashv$ | -            | -        |
| $\vdash$ | 38       | Н        | $\dashv$        | -        |          | $\vdash$       | Н               | H               | +                  | -              | $\vdash\vdash\vdash$                             | 88<br>89 |                 |         | $\vdash$       | -+       | +       | ╀               | -            | ╟   |       | 138        | +       | +        | $\vdash$     | Н              | $\dashv$ | $\dashv$ | +            |          |
|          | 39<br>40 | H        |                 |          |          | Н              | Н               | $\vdash \vdash$ | +                  | -              | <del></del>                                      | 90       |                 |         | -              | $\dashv$ | +-      | -               |              | ╟   |       | 139<br>140 |         | +-       | +            | Н              | -        | $\dashv$ | +            | -        |
|          |          | $\vdash$ | $\dashv$        | $\dashv$ |          | $\vdash\vdash$ | Н               | $\dashv$        | +                  | -              | $\vdash$   |          |                 |         | $\vdash$       | -        | +       | $\vdash \vdash$ | -            | ŀ   |       |            | +       | +-       | +            | Н              | $\dashv$ | +        | +            | 4        |
| $\vdash$ | 41<br>42 |          | $\dashv$        | +        | _        | $\vdash$       | $\vdash$        | $\vdash$        | +                  | -              |  | 91       | $\vdash \vdash$ | - 1     | $\vdash$       | -+       | +       | $\vdash \vdash$ | -            | ŀ   |       | 141        | +       | +        | ┼            | Н              | $\dashv$ | $\dashv$ | +            | -        |
|          |          | -        | $\dashv$        | $\dashv$ | _        |                |                 | $\vdash \vdash$ | -                  | -              | <b>  </b>  | 92       | $\vdash$        | +       | $\vdash\vdash$ | +        | +       | $\vdash$        | -            | ŀ   |       | 142        |         | +-       | ┼            | $\vdash\vdash$ | $\dashv$ | $\dashv$ | $\dashv$     | 4        |
| <u> </u> | 43<br>44 | $\vdash$ | $\dashv$        | $\dashv$ |          | $\vdash$       | Н               | $\vdash$        | +                  | -              | $\vdash$   | 93<br>94 | $\vdash$        | +       | $\vdash$       | +        | +-      | $\vdash \vdash$ | :::          | ŀ   |       | 143        | +       | +        | $\vdash$     | $\vdash$       |          | $\dashv$ | +            | -        |
| $\vdash$ | 45       | $\vdash$ | -               | $\dashv$ |          | Н              | $\vdash$        | $\vdash \vdash$ | +                  | -              |  | 95       | -               | +       | $\vdash$       | -+       |         |                 | - :::        | ╟   |       | 144<br>145 | +       | +        | +            | Н              | -        | $\dashv$ | +            | _        |
| $\vdash$ | 46       |          | $\vdash$        | $\dashv$ |          | $\vdash$       | $\vdash$        | $\dashv$        | +                  | -              |  | 96       | +               | +       | $\vdash$       | +        | -       | +               |              | ŀ   |       |            | +       | +-       | ╁            | $\vdash$       | $\dashv$ | +        | +            | _        |
| -        | 47       | <u> </u> | -               | -+       | $\dashv$ | Н              | $\vdash \vdash$ | $\vdash$        |                    | -              | <del>                                     </del> | 97       | $\vdash$        | +       | Н              | -        |         | ├               | -            | ŀ   |       | 146<br>147 |         | +-       | ╁            | $\vdash\vdash$ | $\dashv$ | +        | +            | $\dashv$ |
| $\vdash$ | 47       | $\vdash$ | $\dashv$        | $\dashv$ | $\dashv$ | $\vdash$       | $\vdash$        | $\dashv$        | +                  | ┨              | $\vdash$   | 98       | -               | +       | $\vdash$       | +        | +       | $\vdash \vdash$ | -            | ╟   |       | 148        | +       | +        | ╁            | $\vdash$       | $\dashv$ | +        | +            | $\dashv$ |
| $\vdash$ | 49       | Н        | $\dashv$        | $\dashv$ | -        | $\vdash$       |                 | $\vdash$        | +                  | -              |  | 99       | $\vdash$        | +       | Н              | $\dashv$ | +       | $\vdash$        | -            | ╟   |       | 148        |         | +        | ┢            | Н              | $\dashv$ | +        | +            | $\dashv$ |
| -        | 50       | H        | $\dashv$        | $\dashv$ | $\dashv$ | $\vdash$       | $\vdash$        | $\dashv$        | $\dashv$           | -              |  | 100      | -               |         | $\vdash$       | +        | +-      | $\vdash$        | - ::         | ŀ   |       | 150        | +       | +-       | ╂            | ├┤             | $\dashv$ | +        | +            | $\dashv$ |
|          |          | $\Box$   | $\perp$         |          |          | اا             |                 |                 |                    | _:::::         |  | 100      |                 |         | 1 1            |          |         |                 | - ::::       | ÷Ц  |       | 100        |         |          | 1            |                | - 1      | 1        |              |          |